

Intertional Application No PCT/CH 03/00382

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E0689/54

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \ E06B$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Х	US 2001/030028 A1 (POPPEMA JOHN) 18 October 2001 (2001-10-18) page 5, paragraph 98 - paragraph 103 page 6, paragraph 118 figures 1,3,21,22	1,6,9-11	
Y A		2,3 5	
Y	US 4 821 786 A (JOHNSTON BERNARD A) 18 April 1989 (1989-04-18) column 1, line 63 - line 67 column 2, line 33 - line 36 column 2, line 48 - line 49 figures 5,6 -/	2,3	

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.	
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed 	"T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention." "X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone the priority claim (s) or to establish the publication date of another are special reason (as specified) "Y' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.	
Bate of the actual completion of the international search 8 September 2003	Date of mailing of the international search report 16/09/2003	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Geivaerts, D	



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	EP 1 211 379 A (FLEXSO S R L) 5 June 2002 (2002-06-05) column 2, line 25 - line 37 figure 2		4,6
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Information on patent family members

Interitional Application No PCT/CH 03/00382

Patent document cited in search report		Publication date .	Patent family member(s)		Publication date
US 2001030028	A1	18-10-2001	AU WO CA EP	2132401 A 0142613 A1 2393077 A1 1238180 A1	18-06-2001 14-06-2001 14-06-2001 11-09-2002
US 4821786	Α	18-04-1989	NONE		
EP 1211379	Α	05-06-2002	IT EP	GE20000134 A1 1211379 A2	04-06-2002 05-06-2002

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